

SY-JZ Technical Data Sheet



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|----------------------------------|-------------------|---------------------|
| Rated Voltage | Temperature Range | Min. Bending Radius |
| Nominal: 300/500V Test: 2000V | -15 - +70c | 10 x cable OD |

| | |
|---------------------|---|
| <u>Conductor:</u> | Class 5 plain annealed copper to EN 60228, IEC 60228, DIN VDE 0295 |
| <u>Insulation:</u> | PVC compound |
| <u>Braid:</u> | Galvanized steel wire braiding |
| <u>Sheath:</u> | Transparent PVC compound |
| <u>Colour code:</u> | Black with White printed numbers and a G/Y earth core |
| <u>Standards:</u> | Generally to EN 50525-2-11, VDE 0250 Flame retardant test to IEC 60332-1-2, VDE 0482-332-1-2, EN 60332-1-2 Flame Propagation test to IEC 60332-3-24, VDE 0482-332-3-24, EN 60332-3-24 |

| Size (mm) | Outer Diameter (mm) | Weight (Kg/km) |
|-----------|---------------------|----------------|
| 2x0.75 | 7.0 ± 1.0 | 72 |
| 3x0.75 | 7.3 ± 1.0 | 82 |
| 4x0.75 | 8.2 ± 1.0 | 105 |
| 5x0.75 | 8.7 ± 1.0 | 124 |
| 7x0.75 | 9.3 ± 1.0 | 147 |
| 12x0.75 | 11.6 ± 1.0 | 220 |
| 2x1.0 | 7.4 ± 1.0 | 87 |
| 3x1.0 | 8.2 ± 1.0 | 105 |
| 4x1.0 | 8.7 ± 1.0 | 126 |
| 5x1.0 | 9.3 ± 1.0 | 144 |
| 7x1.0 | 9.9 ± 1.0 | 171 |

| Size (mm) | Outer Diameter (mm) | Weight (Kg/km) |
|-----------|---------------------|----------------|
| 12x1.0 | 12.6 ± 1.0 | 270 |
| 2x1.5 | 8.2 ± 1.0 | 108 |
| 3x1.5 | 8.5 ± 1.0 | 122 |
| 4x1.5 | 9.1 ± 1.0 | 142 |
| 5x1.5 | 10.1 ± 1.0 | 170 |
| 7x1.5 | 10.7 ± 1.5 | 211 |
| 9x1.5 | 12.9 ± 1.5 | 250 |
| 12x1.5 | 14.0 ± 1.5 | 340 |
| 2x2.5 | 9.5 ± 1.5 | 143 |
| 3x2.5 | 10.10 ± 1.5 | 179 |
| 4x2.5 | 11.0 ± 1.5 | 216 |
| 5x2.5 | 12.10 ± 1.5 | 264 |
| 7x2.5 | 13.0 ± 1.5 | 326 |
| 8x2.5 | 13.6 ± 1.5 | 332 |
| 12x2.5 | 16.7 ± 1.5 | 473 |
| 2x4 | 11.1 ± 1.5 | 205 |
| 3x4 | 11.3 ± 1.5 | 238 |
| 4x4 | 12.4 ± 1.5 | 295 |
| 5x4 | 13.7 ± 1.5 | 360 |
| 7x4 | 14.7 ± 1.5 | 446 |
| 12x4 | 20.1 ± 1.5 | 710 |
| 2x6 | 12.7 ± 1.5 | 278 |
| 3x6 | 13.3 ± 1.5 | 332 |
| 4x6 | 14.3 ± 1.5 | 407 |
| 5x6 | 15.7 ± 1.5 | 488 |
| 3x10 | 16.0 ± 1.5 | 519 |
| 4x10 | 17.6 ± 1.5 | 645 |
| 5x10 | 19.4 ± 1.5 | 792 |
| 3x16 | 19.0 ± 1.5 | 756 |
| 4x16 | 20.90 ± 2.0 | 934 |
| 5x16 | 23.0 ± 2.0 | 1164 |